

CLAIMS

1. A light source device comprising a discharge tube, a reflector to reflect a light radiated from said discharge tube, and support members to support said discharge tube to said reflector, said support members being formed of a heat insulating structure so as to prevent a temperature drop of a portion of said discharge tube near electrodes of said discharge tube.

5 2. A light source device comprising a discharge tube, a reflector to reflect a light radiated from said discharge tube, and support members to support said discharge tube to said reflector, said discharge tube being formed of a partially heat insulating structure so as to prevent a temperature drop of a portion of said discharge tube near electrodes of said discharge tube.

10 3. A light source device comprising a discharge tube, a reflector to reflect a light radiated from said discharge tube, and support members to support said discharge tube to said reflector, said support members being arranged at positions inward from ends of 15 electrodes of said discharge tube so as to prevent a temperature drop of a portion of said discharge tube near the electrodes of said discharge tube.

20 4. A light source device comprising a discharge tube, a reflector to reflect a light radiated from said discharge tube, support members arranged at positions near electrodes of said discharge tube to support said discharge tube to said reflector, and a heat conduction member contacting a central portion of said discharge 25 tube.

30 5. An information processing apparatus comprising a light source device and a light valve receiving a light emitted by said light source device, said light source device including a discharge tube, a reflector to reflect a light radiated from said discharge tube, support members to support said discharge tube to said reflector, and a layer of heat insulating material arranged between 35

said discharge tube and said support member or between said support member and said reflector.

6. A display device comprising a light source device and a light valve receiving light emitted by said light source device, said light source device including a discharge tube, a reflector to reflect a light radiated from said discharge tube, support members to support said discharge tube to said reflector, and a layer of heat insulating material arranged between said discharge tube and said support member or between said support member and said reflector.

10 7. A light source device comprising a discharge tube, a reflector to reflect a light radiated from said discharge tube, and support members to support said discharge tube to said reflector, said reflector being made of a resin.

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